

Initial Information Data Sheet

Inventor Information

Inventor One Given Name::	George Nicholas
Family Name::	Bullen
Postal Address Line One::	352 Hollywood Boulevard
City::	Oxnard
State or Province::	CA
Postal or Zip Code::	93035
Citizenship Country::	United States of America

Assignee Information

Assignee Name::	Northrop Grumman Corporation
Postal Address Line One::	1840 Century Park East
City::	Los Angeles
State or Province::	CA
Postal or Zip Code::	90067
State of Organization::	Delaware

Correspondence Information

Name Line One::	Alan G. Towner
Address Line One::	Pietragallo, Bosick & Gordon
Address Line Two::	One Oxford Centre, 38 th Floor
Address Line Three::	301 Grant Street
City::	Pittsburgh
State or Province::	PA
Postal or Zip Code::	15219
Telephone::	(412) 263-4340
Fax::	(412) 261-0915

Application Information

Title Line One::	Apparatus and Method Utilizing an Automated
Title Line Two::	Machine Tool System and Mandrel for Cold
Title Line Three::	Working of Holes in Metal Components
Total Drawing Sheets::	6
Application Type::	Utility

Representative Information

Representative Customer Number::	29694
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